4 December 1961

CONFIDENTIAL

CB/ES and

MATERIALS INSPECTION REPORT (N: /N:

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of RECD

mde the trip.

- 1. Date of Trip: 25 September 1961
- 2. Place of Visit:
- Company Visited:
- Personnel Contacted:
- Business Transacted: A materials inspection and test was conducted to ensure that the 6 Oman motor-generator sets being procured under contract 431-925-2 from

were adequate to start and operate motor-blowers for the Model 1 incinerators.

The motor generator was connected to the motor-blower unit and operated satisfactorily. When the load was applied a surge in current to 55 amperes and a drop in voltage of 20 volts was noted. At normal operating conditions the generator provided 15 amperes at 380 volts with a frequency of 51 cycles. The motor generator speed was 1530 r.p.m. and that of the blower was 2950 r.p.m.

Nomenclature for these 25X1

Severators are!

Distributions Orig. - Contract Jacket via C/CB Severator, Sas Driver, 50 cycle 1 - 18 (Chrono.)

OL/PD/CB/ES,

20 KW Standby, 220/380V Ona25X1 DATE 8 JULY 80 AV 057447 1008632 Model #2 0 EC57R

f/x/w model / Treverator - \$2178.

6/15-H00-602/

Declassified in Part - Sanitized Copy Approved for Release 2012/09/18 3-03642A001600040104-5 Declassified in Part - Sanitized Copy Approved for Release 2012/09/18: CIA-RDP78-03642A001600040104-5

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9 October 1961

MATERIALS INSPECTION REPORT

1. On 2 and 3 October a visit was made to in connection with the production of air-fed incinerators under Contract 424-925-2 and in accordance with Specification 354 dated 25 May 1961. The purpose of the visit was to determine the status of production to arrange testing procedures and to work out a materials substitution for certain items which the contractor had experienced difficulty in obtaining.

- 2. The contractor was given two additional sets of drawings and specifications for the Model I incinerator and was also given the louver forming tool cited in the contract.
- 3. With regard to changes in material the contractor was advised that he could substitute stainless type 321 tubing for the stainless type 310 tubing used in fabrication of the air nozzles. The contractor also requested a substitute for the stainless type 310 square stock on which he was experiencing a delayed delivery date. Since he indicated that the delay would only be a matter of three weeks and since this material is used for the stack flange, he was requested to adhere to the specification and to make no substitute.
- 4. The contractor was advised that the cover plate called for in Drawing 354-387 was associated with the damper handle. He previously had been unable to locate this part on the finished drawing. He was also advised that fabrication of the liner had previously been performed by rolling half a sheet, then punching the louvers, rolling the second half sheet, punching its louvers, and then welding the two sheets together to form the circumference of the liner. The contractor was also advised that his request to roll a 7/16 inch lip on the bottom plate for the basket would be acceptable. He was requested to minimize this dimension as much as possible and to increase the height of the basket so as to compensate for the area of mesh that would be covered by the rolled lip. The thinning of the metal rolling the lip was to be held to a minimum.
- regarding the discrepancies in the base for the blower.

 As a result of this meeting, the people have agreed to supply the required blowers with a modified base eliminating a 3 inch increase in the height of the outlet flange. By supplying blowers with this modified base, it has been possible to avoid designing an adaptor section to tie the blower discharge to the incinerator air inlet. A visit was also made to the principal subcontractor. Their facilities and production quality were deemed adequate for the required fabrication under this contract.

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- 6. All details for the acceptance testing of the incinerators were reviewed with the contractor, and he will handle all arrangements so as to perform the necessary air tests and burning tests. He indicated that he expected to have the first two units ready for inspection shortly after 1 November.
- 7. Opportunity was taken during this visit to deliver to the contractor one set of drawings and Specification No. 362 for the Model II incinerator and one set of drawings for the Model III incinerator. The contractor will be requested to submit proposals for the production of twenty and fifteen units respectively.

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